

CLAIMS

1. Insert (2) for sole (3) of boot (1) of snowshoe (100), characterized by the fact that said insert runs transversely, having its two ends (4) on lateral edges (3a, 3b) of said sole (3) so as to work with holding means (101) that are provided for the snowshoe, while length (L) of insert (2) is independent of size (C₁, C₂, C₃,...) of the boot, whereby said sole is designed to be used on at least two different boot sizes, so that the length of the insert is the same for at least two boots of different sizes.

2. Insert (2) for sole (3) of boot (1) of snowshoe (100) according to claim 1, wherein ends (4) of insert (2) comprise hollow compartments (5).

3. Boot (1) of the type that comprises in sole (3) an insert (2), characterized by the characteristics of claim 1 or 2.

4. Boot (1) of the type that comprises in sole (3) an insert (2) according to claim 3, wherein said insert (2) is positioned along a transverse axis (YY') that is orthogonal to the longitudinal axis of travel (ZZ') of the boot.

5. Boot (1) of the type that comprises in sole (3) an insert (2) according to either of claims 3 or 4, wherein the longitudinal position of insert (2) is the same for a given model, regardless of the size of the boot.

6. Boot (1) of the type that comprises in sole (3) an insert (2) according to claim 5, wherein sole (3) has on its lateral edges (3a, 3b) protruding contours or bosses (6) or hollow contours (7) on or in which are located ends (4) of insert (2).

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7. Boot (1) of the type that comprises in sole (3) an insert (2) according to any of the preceding claims, wherein the longitudinal position of insert (2) varies as a function of size for a given model, whereby insert (2) is positioned in the front part of the boot at the point where width (d) of the sole is equal to length (L) of insert (2).

8. Boot (1) of the type that comprises in sole (3) an insert (2) according to any of the preceding claims, wherein width (d) of sole (3) varies in its height and wherein the vertical position of insert (2) differs depending on the size of the boot for a given model.

9. Boot (1) of the type that comprises in sole (3) an insert (2) according to any of the preceding claims, wherein insert (2) is positioned in the sole in such a way that ratio (H/D) between distance (H), which is measured between its transverse axis (YY') and the front end of the boot, and length (D) of the boot are the same, regardless of the size of the boot.

10. Boot (1) of the type that comprises in sole (3) an insert (2) according to any of the preceding claims, wherein ratio (H/D) is between 0.10 and 0.45.

11. Process for manufacturing boots of different sizes of a given model of boot of one of characteristics 3-8, wherein said process consists in arranging, during a main stage, inside sole (3) of boot (1), an insert (2) whose length (L) is independent of the size of the boot and is constant for a given model.

12. Set of at least two boots (1) of different sizes (C1, C2,...) according to any of claims 3-8, wherein one of boots (C1)

comprises an insert (3) of length (L), which is the same as that of other boot (C2).